

BRINGING SAFER PRODUCTS TO MULTIPLE MARKETS

**UL AND THE
IECEE CB SCHEME**



UL IS UNDERWRITERS LABORATORIES

Safety Science Leaders

UL is a premier global independent safety science company that has championed progress for 120 years. First founded in the U.S. in 1894, today UL employs more than 10,000 professionals worldwide, guided by our mission to promote safe working and living environments for all people.

UL invests heavily in research and the development of standards to continually advance and meet evolving safety and product performance needs. As a part of these efforts, we partner with businesses, manufacturers, trade associations, research institutes and international regulatory authorities to bring innovative solutions to an ever more complex global supply chain.

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THE IECEE CB SCHEME

Simplifying International Trade

The CB (Certified Body) Scheme is an international network of product certification organizations dedicated to facilitating international trade through mutual acceptance of product test reports and certificates. The CB Scheme thereby helps manufacturers to obtain multiple international certifications from a single certified testing body.



The CB Scheme is the world's first truly international system for mutual acceptance of test reports and certificates, dealing with the safety of electrical and electronic products and components. It is overseen by the International Electrotechnical Committee for Conformity Testing to Standards for Electrical Equipment (IECEE).

As an expert participant, leading member of the IECEE CB Scheme and number 1* issuer of IECEE certifications in the world, UL operates four National Certified Bodies (NCBs) in Denmark, the U.S., Japan and Canada, as well as over 50 Certified Body Testing Laboratories (CBTLs) around the world, offering our clients the proven benefit of one-stop access to international markets.

*In 2017

CB SCHEME BENEFITS

- Single point of product testing for global market access
- Acceptance of test reports for national certification in member countries
- Acceptance of test reports by numerous non-CB Scheme countries

IEC PRODUCT CATEGORIES COVERED BY UL*

- BATT – Batteries
- CABL – Cables and cords
- CAP: Capacitors and components
- CONT – Switches for appliances and automatic controls for electrical household appliances
- E3: Energy Efficiency
- ELVH – Electrical vehicles and associated EV equipment
- EMC – Electromagnetic compatibility
- HOUS – Household appliances, electrical tools and similar equipment
- INDA – Industrial automation
- INST – Installation accessories and connection devices
- LITE – Lighting
- MEAS – Electrical equipment for measurement, control and instruments for laboratory use
- MED – Electrical equipment for medical use
- MISC: Miscellaneous
- OFF – Information technology (IT) and office equipment
- POW – Low voltage, high power, switchgear and control-gear equipment
- PROT – Installation protective equipment, accessories and connection devices
- PV – Photovoltaic systems equipment and inverters
- SAFE – Safety transformer and similar equipment
- TOOL – Portable tools
- TRON – Electrical equipment for entertainment (including audio-video, information and communication technology equipment)

* list is subject to change

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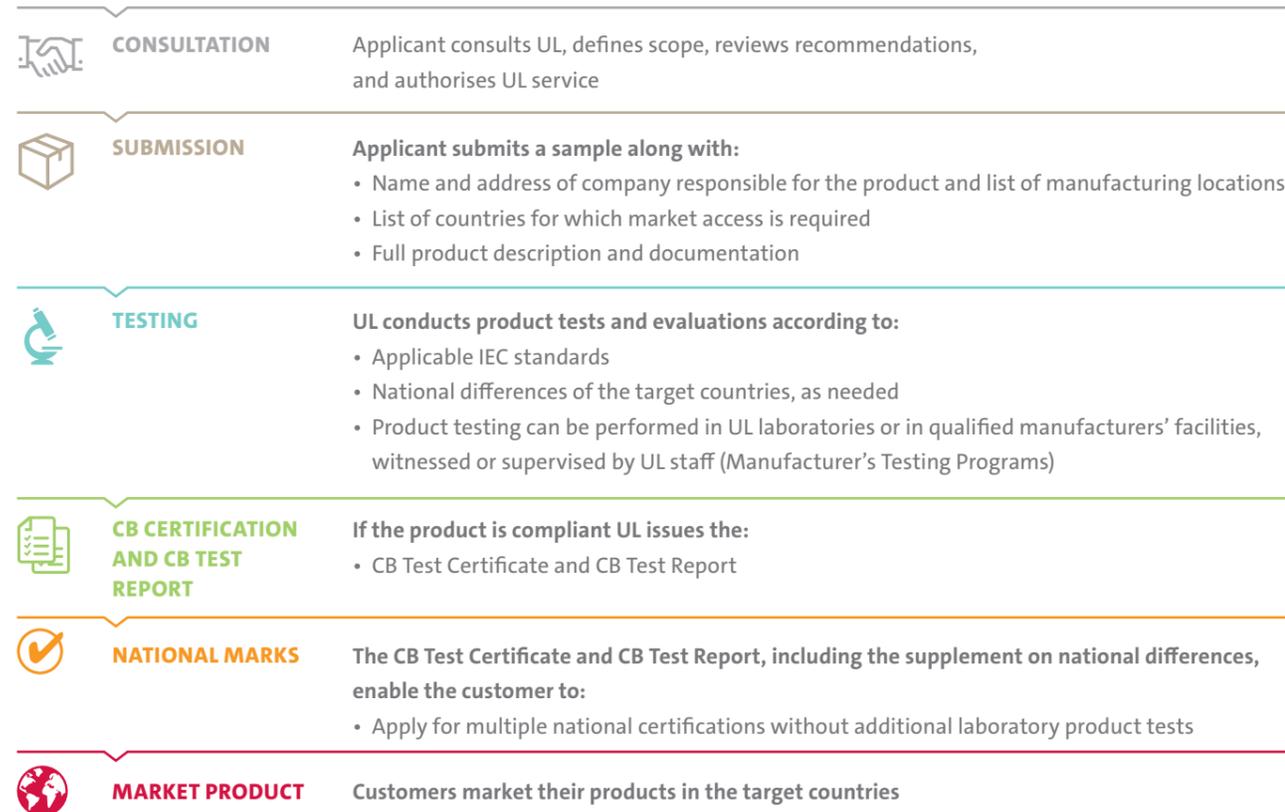
THE UL DIFFERENCE

Access to Worldwide Recognition with One Source

UL has its own accredited laboratories and CBTs in all major regions of the world, enabling us to assess products to a broad range of IEC standards, while also integrating any relevant national differences. UL continues to expand its portfolio of certification offerings, helping our customers obtain North American and global market certifications - quickly, reliably and with worldwide recognition.

THE CB CERTIFICATION PROCESS

UL bundles CB Scheme and Global Market Access services to gain all relevant certifications with only one investigation.



Advantages of the CB Scheme with UL

GET BUNDLED SERVICES FOR SAFETY, ENERGY EFFICIENCY AND EMC – based on the CB Scheme as well as our own internationally recognised UL Standards.

STAY UP-TO-DATE – as UL participates in over 150 standards development programmes around the world and will ensure your products are evaluated to the most current CB Scheme requirements of member countries.

National differences are special requirements that the IECEE CB Scheme permits each country to adopt in order to address local safety concerns. You must still apply to the NCBs in your target countries for national certifications, or UL can do it for you.

ACCELERATE YOUR TIME-TO-MARKET AND REDUCE COSTS – as UL is able to help you gain certifications for multiple countries without the need for retesting.

BENEFIT FROM OUR RECOGNISED AUTHORITY WITHIN THE CB SCHEME – UL is the number 1 issuer of IECEE certifications* in the world, accounting for 21% of overall CB certificates issued. * In 2017

BENEFIT FROM OUR KNOWLEDGE AND RESEARCH – as a global safety science company with a comprehensive technical expertise and highly experienced engineers, UL is dedicated to mitigating risks and safeguarding innovation through research and development. UL constantly researches for and develops new testing methodologies and equipment, new procedures, new software and new standards, helping make the world safer and facilitating international trade.

FACILITATE RESPONSIBLE SOURCING – through validation of your supply chain to stringent international ethical standards, e.g. with information solutions that provide streamlined, searchable access to essential data needed to make informed, timely choices about sources and materials.

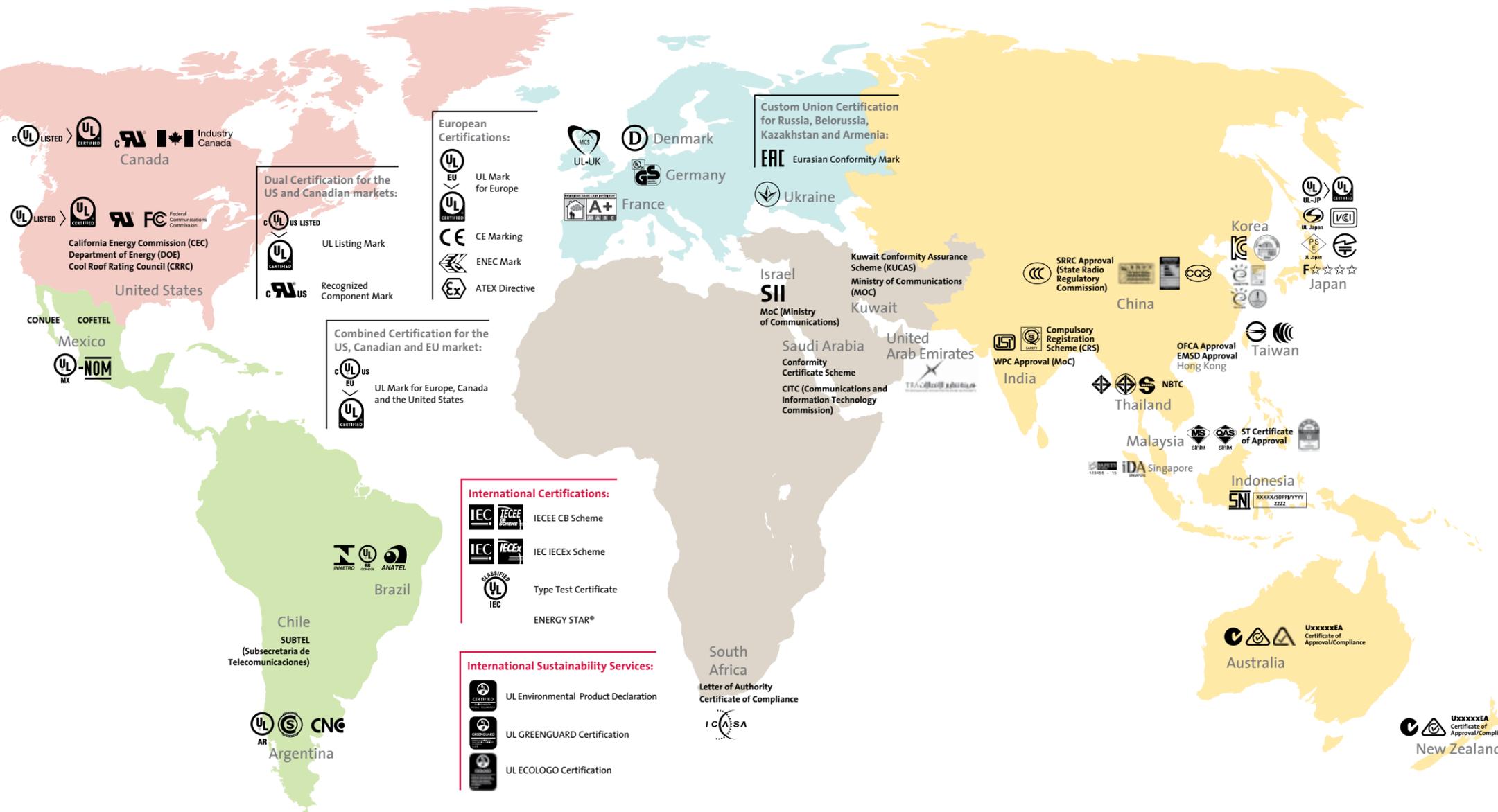
ONLY UL CAN ISSUE THE UL MARK – the number 1 recognised mark in the U.S. and one of the most widely recognised safety symbols in the world.

LET US COVER YOUR ENTIRE PRODUCT LIFECYCLE – as we are continuously expanding our range of our services.

GLOBAL MARKET ACCESS

Beyond CB Certification

UL's Global Market Access services give you the ability to achieve and maintain product compliance, increase speed-to-market, reduce costs, improve product safety, and manage risk. Manufacturers can choose any combination of our services to fit specific needs. You can also have UL deliver a turnkey solution, in which we handle the entire process to help provide the desired certifications, marks and regulatory approvals.



For general information and illustration purposes only. The map and tables above represent some of the marks and certificates that UL may be able to assist you in obtaining. UL does not guarantee access to any market or that you will obtain any of the marks or certificates identified above. Mark and certificate requirements may vary from product to product.

THE UL PROMISE

ONE-STOP RESOURCE FOR FAST GLOBAL MARKET ACCESS WITH PREMIUM SERVICE

- Streamlined and accelerated certification process through only **one product submission** for all target markets
- **One certifying body** for access to world markets, reducing administration and project management to a minimum
- UL's respected brand reputation and pivotal role in standards development facilitate worldwide acceptance and recognition
- **We help protect your brand**, as well, by applying our safety services to your entire supply chain, from factory assessments and quality inspections, to performance and safety testing
- **UL works with major anti-counterfeiting organizations** such as the FBI and Interpol to deter unauthorized use of the UL Mark, which also helps safeguard the integrity of the OEM's brand

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